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(71) Applicant (for all designated States except US): **BAYER
HEALTHCARE AG** [DE/DE]; 51368 Leverkusen (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GOLZ, Stefan**
[DE/DE]; Bückmannsmühle 46, 45326 Essen (DE).
BRÜGGEMEIER, Ulf [DE/DE]; Leysiefen 20, 42799
Leichlingen (DE). **GEERTS, Andreas** [DE/DE]; Schuck-
ertstr. 29, 42113 Wuppertal (DE). **SUMMER, Holger**
[DE/DE]; Katernberger Schulweg 3, 42113 Wuppertal
(DE).

(74) Common Representative: **BAYER HEALTHCARE
AG**; Law and Patents, Patents and Licensing, 51368
Leverkusen (DE).

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(54) Title: DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH PHOSPHATE REGULATING EN-
DOPEPTIDASE HOMOLOG (PHEX)

(57) Abstract: The invention provides a human PHEX which is associated with the hematological diseases, cancer, dermatological diseases, endocrinological diseases, metabolic diseases, inflammation, respiratory diseases, neurological diseases, cardiovascular diseases and urological diseases. The invention also provides assays for the identification of compounds useful in the treatment or prevention of hematological diseases, cancer, dermatological diseases, endocrinological diseases, metabolic diseases, inflammation, respiratory diseases, neurological diseases, cardiovascular diseases and urological diseases. The invention also features compounds which bind to and/or activate or inhibit the activity of PHEX as well as pharmaceutical compositions comprising such compounds.



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